Watching a Pot Boil

Put a medium-sized pot of water on to boil. Place a small wet sponge on the water. Watch the water and sponge as the water heats.

Observe and Think
What happened to the water as it heated? What happened to the sponge as the water became hotter?

Earth’s Moving Surface

Place two halves of a peanut butter and jelly sandwich side by side. Very slowly push them together. Then take one half and very slowly tear it into two pieces.

Observe and Think
What happened when you pushed and pulled on the sandwich halves? What might this activity tell you about the movements of Earth’s surface?

Internet Activity: Earth’s Interior

Go to ClassZone.com to explore the makeup of Earth’s layers. Find out how scientists learned what the interior of Earth is like.

Observe and Think
Science fiction books and movies show people traveling to the center of Earth. Do you think this can happen any time soon? Why or why not?